OIPE
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas J. LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The declaration in the above-referenced non-provisional application has been amended to reflect additional priority information for the application and to add inventors that were inadvertently not named in the application.

Therefore, it is hereby requested that Mark S. ABAD, Scott E. ANDERSEN, Robert E. BUEHLER, Joseph R. BYRUM, Timothy W. CONNER, Brian E. COOMBS, Stanton B. DOTSON, Patrice DUBOIS, Michael D. EDGERTON, Dane K. FISHER, Kristine J. HARDEMAN, Gregory R. HECK, Gregory J. HINKLE, Raghunath V. LALGUDI, Jingdong LIU, Linda L. LUTFIYYA, Debbie A. MAHADEO, James D. MASUCCI, Philip W. MILLER, Donald E. NELSON, Ming PENG, Thomas G. RUFF, Hridayabhiranjan SHUKLA, Joshua C. STEIN, Michael D. THOMPSON, and Kunsheng WU be added as inventors for Application No. 10/612,783, by (1) the filing of this Request; (2) a statement from each inventor being added that the inventorship error occurred without deceptive intention on his or her part; (3) payment of the appropriate $130.00 fee; and (4) a declaration by the actual inventors as required by 37 C.F.R. § 1.63.

04/25/2008 MBELETE1 00000012 502387 10612783
02 FC:1464 130.00 DA

Authorization to charge the fee for submission of this Request is given in the accompanying transmittal letter.

Respectfully submitted,

Date: April 24, 2008

Holly Logue Prutz (Reg. No. 47,755)
David R. Marsh (Reg. No. 41,408)

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OIPE IAP91
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Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Mark S. ABAD** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Mark Abad
Mark S. Abad

September 24, 2007
Date

OIPE IAP10 APR 9 4 2008 PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
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09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
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09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	Mark Abad **Date** September 24, 2007
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	~~235 Papin Avenue~~, Webster Groves, Missouri 63119, USA 118 GLEN ROAD,

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
Residence	West Des Moines, Iowa
Citizenship	US
Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
Post Office Address	5925 Mastodon Pines Drive, Imperial, Missouri, 63052 USA

Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	379 Palomino Hill Court, Chesterfield, Missouri 63005, USA

Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
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Citizenship	CA
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Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

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P.O. Box 1450
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Sir:

I, **Scott E. ANDERSEN** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Scott E. Andersen

9/21/07
Date

IAP10
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PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
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practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

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willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date** 9/21/07
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
Residence	West Des Moines, Iowa
Citizenship	US
Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
Post Office Address	5925 Mastodon Pines Drive, Imperial, Missouri, 63052 USA

Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	379 Palomino Hill Court, Chesterfield, Missouri 63005, USA

Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
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Citizenship	CA
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Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
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Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91 APR 24 2008 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Robert E. BUEHLER** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Robert E. Buehler

Robert E. Buehler

October 11, 2007

Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/985,678	November 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/155,881	May 22, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/333,535	June 14, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/615,606	July 13, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/394,745	September 15, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,306	May 4, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/553,094	April 18, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/440,687	November 16, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/552,086	April 19, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/531,113	March 22, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,240 (Application No.)	May 8, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
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Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	Robert E. Buehler **Date** October 11, 2007
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
Residence	West Des Moines, Iowa
Citizenship	US
Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
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Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
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Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
Residence	Richmond Heights, Missouri
Citizenship	CA
Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
Post Office Address	6504 Sprucefield Drive, O'Fallon, Missouri 63366, USA

Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Joseph R. BYRUM** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Joseph R. Byrum

01/31/2008
Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
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60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/985,678	November 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/155,881	May 22, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/333,535	June 14, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/615,606	July 13, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/394,745	September 15, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,306	May 4, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/553,094	April 18, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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09/552,086	April 19, 2000	Abandoned
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09/669,817	September 26, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/696,664	October 25, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/837,604	April 18, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/849,526	May 7, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/874,708	June 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/873,402	June 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/865,419	May 29, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/865,439	May 29, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/938,294	August 24, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/219,999	August 15, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
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Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
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Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
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Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
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Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Full name of tenth inventor:	Timothy W. CONNER
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Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
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Full name of twelfth inventor:	Stanton B. DOTSON
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Full name of thirteenth inventor:	Patrice DUBOIS
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Full name of fourteenth inventor:	Michael D. EDGERTON
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Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
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Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
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Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Conf. No.: 2839
Thomas LA ROSA *et al.*	Art Unit: 1638
Appln. No.: 10/612,783	Examiner: Phuong T. BUI
Filed: July 2, 2003	Atty. Docket: 16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Nordine CHEIKH** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Nordine Cheikh

09-24-2007

Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
(Application No.)	(Country)	(Day/Month/Year Filed)	☐ Yes ☐ No
(Application No.)	(Country)	(Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146 (Application No.)	August 9, 1999 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/304,517 (Application No.)	May 6, 1999 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/684,016 (Application No.)	October 10, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/654,617 (Application No.)	September 5, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
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practitioners of Customer No. 66057

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Customer No. 66057

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willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
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Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
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Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
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Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
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Full name of eighth inventor:	Joseph R. BYRUM
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Full name of tenth inventor:	Timothy W. CONNER
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Full name of twenty-first inventor:	Linda L. LUTFIYYA
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Full name of twenty-second inventor:	Debbie A. MAHADEO
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Full name of twenty-sixth inventor:	Donald E. NELSON
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Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
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Full name of thirtieth inventor:	Joshua C. STEIN
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Full name of thirty-first inventor:	Michael D. THOMPSON
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Citizenship	US
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Full name of thirty-second inventor:	Kunsheng WU
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Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

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APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Timothy W. CONNER** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Timothy W. Conner

09/25/2007
Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

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10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
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Inventor's signature	Timothy W Conner **Date** 09/25/2007
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Inventor's signature	**Date**
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Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
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Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
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Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
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Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
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Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
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Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
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Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
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Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Docket Number: 16517.288

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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Full name of fifth inventor:	Mark S. ABAD
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Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
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Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
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Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date** 10-19-2007
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Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA
Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
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Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor: Debbie A. MAHADEO
Inventor's signature **Date**
Residence St. Louis, Missouri
Citizenship US
Post Office Address 8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor: James D. MASUCCI
Inventor's signature **Date**
Residence Ballwin, Missouri
Citizenship US
Post Office Address 4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor: James D. MCININCH
Inventor's signature **Date**
Residence Burlington, Massachuetts
Citizenship US
Post Office Address 43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

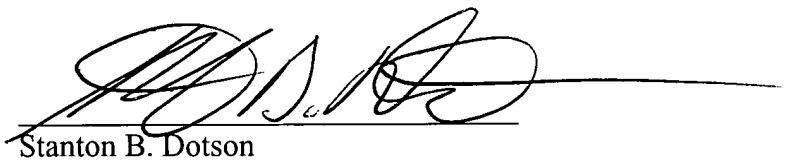
For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Stanton B. DOTSON** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.



Stanton B. Dotson

9/25/07

Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
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60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/985,678	November 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/155,881	May 22, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/333,535	June 14, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/615,606	July 13, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/394,745	September 15, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,306	May 4, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/553,094	April 18, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/440,687	November 16, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/552,086	April 19, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/531,113	March 22, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,240 (Application No.)	May 8, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
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Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
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Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
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Citizenship	US
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Full name of ninth inventor:	Nordine CHEIKH
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Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
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Citizenship	US
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Inventor's signature	**Date**
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Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date** Sep 27, 2007
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Full name of thirteenth inventor:	Patrice DUBOIS
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Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
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Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
Post Office Address	6504 Sprucefield Drive, O'Fallon, Missouri 63366, USA

Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE MAIL
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

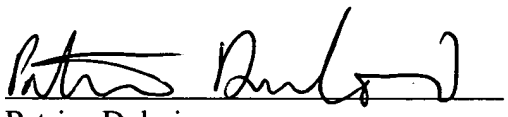
For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Patrice DUBOIS** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.



Patrice Dubois

10/01/2007

Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

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60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

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provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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09/394,745	September 15, 1999	Pending
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09/565,306	May 4, 2000	Pending
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09/552,086	April 19, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/531,113	March 22, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,240 (Application No.)	May 8, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA

Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA

Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
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Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
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Post Office Address	5925 Mastodon Pines Drive, Imperial, Missouri, 63052 USA

Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
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Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date** 9/25/2007
Residence	Richmond Heights, Missouri
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Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
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Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
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Citizenship	US
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachusetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

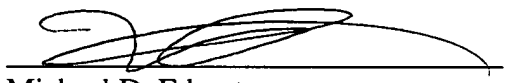
For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Michael D. EDGERTON** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.



Michael D. Edgerton

10/1/07

Date

APR 24 2008
PATENT & TRADEMARK OFFICE
IAP10

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/985,678	November 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/155,881	May 22, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/333,535	June 14, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/615,606	July 13, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/394,745	September 15, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,306	May 4, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/553,094	April 18, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/440,687	November 16, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/552,086	April 19, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/531,113	March 22, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,240 (Application No.)	May 8, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
Residence	West Des Moines, Iowa
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Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
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Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
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Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
Residence	Richmond Heights, Missouri
Citizenship	CA
Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date** 10/1/07
Residence	St. Louis, Missouri
Citizenship	US
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Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
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Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
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Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
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Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
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Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Dane K. FISHER** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Dane K. Fisher

10/17/07
Date

APR 24 2008
PATENT & TRADEMARK OFFICE
IAP10

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

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Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
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09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
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Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
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Full name of fourth inventor:	Yongwei CAO
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Full name of seventh inventor:	Robert E. BUEHLER
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Full name of twenty-fifth inventor:	Philip W. MILLER
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Full name of twenty-sixth inventor:	Donald E. NELSON
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Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
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Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
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Citizenship	US
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Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE
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PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Kristine J. HARDEMAN** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Kristine J Hardeman

Kristine J. Hardeman

October 4, 2007

Date

APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
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Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Full name of fifth inventor:	Mark S. ABAD
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Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachusetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Gregory R. HECK** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Gregory R. Heck

Sept 27, 2007
Date

OIPE IAP10 APR 24 2008 PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
(Application No.)	(Country)	(Day/Month/Year Filed)	☐ Yes ☐ No
(Application No.)	(Country)	(Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

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60/144,084 (Application No.)	July 16, 1999 (Filing Date)
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60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

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provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146 (Application No.)	August 9, 1999 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/304,517 (Application No.)	May 6, 1999 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/684,016 (Application No.)	October 10, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
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09/816,660 (Application No.)	March 26, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
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09/565,306 (Application No.)	May 4, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
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09/531,113 (Application No.)	March 22, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
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09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
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Inventor's signature	**Date**
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Citizenship	US
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Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
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Citizenship	US
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Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
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Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
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Citizenship	US
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Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
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Citizenship	US
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Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
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Citizenship	US
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Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Citizenship	CA
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Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
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Citizenship	US
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Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
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Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date** 9/25/2007
Residence	Crystal Lake Park, Missouri
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Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
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Citizenship	US
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Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
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Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor: Debbie A. MAHADEO
Inventor's signature **Date**
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Citizenship US
Post Office Address 8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor: James D. MASUCCI
Inventor's signature **Date**
Residence Ballwin, Missouri
Citizenship US
Post Office Address 4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor: James D. MCININCH
Inventor's signature **Date**
Residence Burlington, Massachuetts
Citizenship US
Post Office Address 43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Gregory J. HINKLE** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Gregory J. Hinkle

1 Oct 2007

Date

APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
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I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

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10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

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practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

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willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA

Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA

Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
Residence	West Des Moines, Iowa
Citizenship	US
Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
Post Office Address	5925 Mastodon Pines Drive, Imperial, Missouri, 63052 USA

Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	379 Palomino Hill Court, Chesterfield, Missouri 63005, USA

Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
Residence	Richmond Heights, Missouri
Citizenship	CA
Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date** 1 Oct 2007
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachusetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Raghunath V. LALGUDI** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Raghunath V. Lalgudi

10/5/07
Date

OIPE IAP10 APR 24 2008 PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/985,678	November 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/155,881	May 22, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/333,535	June 14, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/615,606	July 13, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/394,745	September 15, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,306	May 4, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/553,094	April 18, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/440,687	November 16, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/552,086	April 19, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/531,113	March 22, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,240 (Application No.)	May 8, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
Residence	West Des Moines, Iowa
Citizenship	US
Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
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Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
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Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
Residence	Richmond Heights, Missouri
Citizenship	CA
Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
Post Office Address	6504 Sprucefield Drive, O'Fallon, Missouri 63366, USA

Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	Raghunath V. Lalgudi **Date** 10/5/07
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, ~~Waterman~~, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

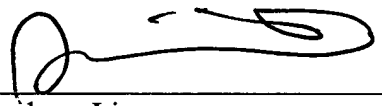
For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Jingdong LIU** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.



Jingdong Liu

9-24-07

Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

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provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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10/155,881	May 22, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
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09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Full name of twenty-sixth inventor:	Donald E. NELSON
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Full name of twenty-seventh inventor:	Ming PENG
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Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
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Citizenship	US
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Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
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Citizenship	US
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Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
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Citizenship	US
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Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91 APR 24 2008 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Linda L. LUTFIYYA** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Linda L. Lutfiyya

Linda L. Lutfiyya

10/5/07

Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
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Full name of sole or first inventor:	Thomas J. LA ROSA
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Full name of third inventor:	Yihua ZHOU
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Inventor's signature	**Date**
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Full name of twenty-seventh inventor:	Ming PENG
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Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
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Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR. 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

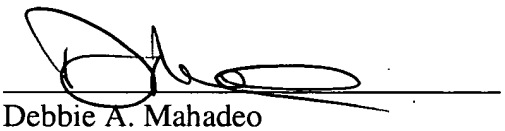
For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Debbie A. MAHADEO** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.



Debbie A. Mahadeo

10-12-2007

Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____	_____	_____	☐ Yes ☐ No
(Application No.)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	☐ Yes ☐ No
(Application No.)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

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(Application No.)	(Filing Date)
60/144,084	July 16, 1999
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60/132,860	May 7, 1999
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60/130,464	April 22, 1999
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60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

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provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
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09/531,113	March 22, 2000	Pending
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09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
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09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
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10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
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Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
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Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
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Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
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Full name of ninth inventor:	Nordine CHEIKH
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Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
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Inventor's signature	**Date**
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Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
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Citizenship	US
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Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
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Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
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Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
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Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
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Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-first inventor:	Linda L. LUTFIYYA
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Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date** 10-12-2007
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Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
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Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
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Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
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Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91 APR 24 2008 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **James D. MASUCCI** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

James D. Masucci

9/21/07

Date

OIPE IAP10 APR 24 2008 PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
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practitioners of Customer No. 66057

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Customer No. 66057

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willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
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Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
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Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
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Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
Post Office Address	5925 Mastodon Pines Drive, Imperial, Missouri, 63052 USA

Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	379 Palomino Hill Court, Chesterfield, Missouri 63005, USA

Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
Residence	Richmond Heights, Missouri
Citizenship	CA
Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
Post Office Address	6504 Sprucefield Drive, O'Fallon, Missouri 63366, USA

Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date** 9/21/07
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP10 APR 24 2008 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **James D. MCININCH** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

James D. McIninch

10/18/2007
Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
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60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/985,678	November 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/155,881	May 22, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/333,535	June 14, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/615,606	July 13, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/394,745	September 15, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,306	May 4, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/553,094	April 18, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/440,687	November 16, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/552,086	April 19, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/531,113	March 22, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

09/692,257	October 19, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,240	May 8, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/619,643	July 19, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/663,423	September 15, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/669,817	September 26, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/696,664	October 25, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/837,604	April 18, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/849,526	May 7, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/874,708	June 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/873,402	June 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/865,419	May 29, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/865,439	May 29, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/938,294	August 24, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/219,999	August 15, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
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Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
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Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
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Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
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Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
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Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	379 Palomino Hill Court, Chesterfield, Missouri 63005, USA

Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
Residence	Richmond Heights, Missouri
Citizenship	CA
Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
Post Office Address	6504 Sprucefield Drive, O'Fallon, Missouri 63366, USA

Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	James D. McInich **Date** 10/18/2007
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91 APR 24 2008 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Philip W. MILLER** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Philip W. Miller

9.26.2007

Date

IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

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60/209,830 (Application No.)	June 6, 2000 (Filing Date)
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60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

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provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/985,678	November 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/394,745	September 15, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,306	May 4, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/553,094	April 18, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/440,687	November 16, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/552,086	April 19, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/531,113	March 22, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,240 (Application No.)	May 8, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA

Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA

Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
Residence	West Des Moines, Iowa
Citizenship	US
Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
Residence	Imperial, Missouri
Citizenship	US
Post Office Address	5925 Mastodon Pines Drive, Imperial, Missouri, 63052 USA

Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
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Post Office Address	379 Palomino Hill Court, Chesterfield, Missouri 63005, USA

Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
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Citizenship	CA
Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
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Post Office Address	431 Westgate Avenue, St. Louis, Missouri 63130, USA

Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
Residence	O'Fallon, Missouri
Citizenship	US
Post Office Address	6504 Sprucefield Drive, O'Fallon, Missouri 63366, USA

Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
Residence	Westerly, Rhode Island
Citizenship	US
Post Office Address	14 South Drive, Westerly, Rhode Island 02891, USA

Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
Residence	Crystal Lake Park, Missouri
Citizenship	US
Post Office Address	2200 Divot Drive, Crystal Lake Park, Missouri 63131, USA

Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
Residence	Plymouth, Massachusetts
Citizenship	US
Post Office Address	143 Sandwich Road, Plymouth, Massachusetts 02360, USA

Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date** 9.25.2007
Residence	O'Fallon, Missouri
Citizenship	US
Post Office Address	306 Walnut Forest Drive, O'Fallon, Missouri 63366, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Donald E. NELSON** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Donald E. Nelson

Donald E. Nelson

September 27, 2007

Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/985,678	November 5, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/816,660	March 26, 2001	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/733,089	December 11, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
10/155,881	May 22, 2002	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/333,535	June 14, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/615,606	July 13, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/394,745	September 15, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/565,306	May 4, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/553,094	April 18, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/440,687	November 16, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/552,086	April 19, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/531,113	March 22, 2000	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,240 (Application No.)	May 8, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
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09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
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09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

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willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA

Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA

Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
Residence	West Des Moines, Iowa
Citizenship	US
Post Office Address	4533 Woodland Avenue, Unit 1 West, Des Moines, Iowa 50266, USA

Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
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Citizenship	US
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Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
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Full name of thirteenth inventor:	Patrice DUBOIS
Inventor's signature	**Date**
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Post Office Address	7086 Oakland Avenue, Apt. 2W, Richmond Heights, Missouri 63117, USA

Full name of fourteenth inventor:	Michael D. EDGERTON
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
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Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
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Inventor's signature	**Date**
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Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
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Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
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Citizenship	US
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Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor:	Debbie A. MAHADEO
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
Residence	Burlington, Massachuetts
Citizenship	US
Post Office Address	43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	Donald Nelson **Date** 9/27/2007
Residence	~~Chesterfield, Missouri~~ Stonington, CT
Citizenship	US
Post Office Address	~~1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA~~ 4 Shawondassee Drive, Stonington CT 06378, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 2 4 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

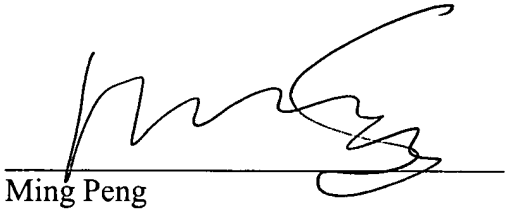
For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Ming PENG** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.



Ming Peng

11/14/2007

Date

OIPE
APR 24 2008
PATENT & TRADEMARK OFFICE
IAP10

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
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10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

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practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
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Inventor's signature	**Date**
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Citizenship	US
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Inventor's signature	**Date**
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Full name of twentieth inventor:	Jingdong LIU
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Citizenship	US
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Residence	
Citizenship	
Post Office Address	

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Inventor's signature	**Date**
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Full name of twenty-fifth inventor:	Philip W. MILLER
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Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date** 11/14/2007
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Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
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Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Hridayabhiranjan SHUKLA** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Hridayabhiranjan Shukla

Sept 24th, 2007.
Date

IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

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Full name of third inventor:	Yihua ZHOU
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Full name of fourth inventor:	Yongwei CAO
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Full name of seventeenth inventor:	Gregory R. HECK
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Full name of eighteenth inventor:	Gregory J. HINKLE
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Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	4608 Shrewsbury E., St. Louis, Missouri 63119, USA

Full name of twenty-second inventor: Debbie A. MAHADEO
Inventor's signature **Date**
Residence St. Louis, Missouri
Citizenship US
Post Office Address 8108 Delmar Blvd., St. Louis, Missouri 63130, USA

Full name of twenty-third inventor: James D. MASUCCI
Inventor's signature **Date**
Residence Ballwin, Missouri
Citizenship US
Post Office Address 4 Foxcliff Court, Ballwin, Missouri 63011, USA

Full name of twenty-fourth inventor: James D. MCININCH
Inventor's signature **Date**
Residence Burlington, Massachuetts
Citizenship US
Post Office Address 43 Beaverbrook Road, Burlington, Massachusetts 01803, USA

Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date** Sept 24th, 2007
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Joshua C. STEIN** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.



Joshua C. Stein

10/1/2007

Date

APR 24 2008
PATENT & TRADEMARK OFFICE
IAP10

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
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60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146	August 9, 1999	Pending
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/304,517	May 6, 1999	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
09/684,016	October 10, 2000	Pending
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09/654,617	September 5, 2000	Abandoned
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

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09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
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Inventor's signature	**Date**
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Citizenship	US
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Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
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Citizenship	US
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Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
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Citizenship	US
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Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

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Full name of ninth inventor:	Nordine CHEIKH
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Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
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Citizenship	US
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Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
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Citizenship	US
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Full name of twelfth inventor:	Stanton B. DOTSON
Inventor's signature	**Date**
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Full name of thirteenth inventor:	Patrice DUBOIS
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Full name of fourteenth inventor:	Michael D. EDGERTON
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Full name of fifteenth inventor:	Dane K. FISHER
Inventor's signature	**Date**
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
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Inventor's signature	**Date**
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Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
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Full name of nineteenth inventor:	Raghunath V. LALGUDI
Inventor's signature	**Date**
Residence	Watertown, Massachusetts
Citizenship	IN
Post Office Address	81 Summer Street, Waterman, MA 02472

Full name of twentieth inventor:	Jingdong LIU
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	2200 Sycamore Drive, Chesterfield, Missouri 63017, USA

Full name of twenty-first inventor:	Linda L. LUTFIYYA
Inventor's signature	**Date**
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Full name of twenty-second inventor:	Debbie A. MAHADEO
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Full name of twenty-third inventor:	James D. MASUCCI
Inventor's signature	**Date**
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Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-fifth inventor:	Philip W. MILLER
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	267 Oak Park Court, Ballwin, Missouri 63011, USA

Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1645 Wishwood Court, #1, Chesterfield, Missouri 63017, USA

Full name of twenty-seventh inventor:	Ming PENG
Inventor's signature	**Date**
Residence	Manchester, Missouri
Citizenship	US
Post Office Address	1685 Carman Mill Road, Manchester Missouri 63021, USA

Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
Residence	Wildwood, Missouri
Citizenship	US
Post Office Address	19139 Hardt Road, Wildwood, Missouri 63038, USA

Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	453 Gateford Drive, Ballwin, Missouri 63021, USA

Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date** 10/1/2007
Residence	Acton, Massachusetts
Citizenship	US
Post Office Address	152 Nagog Hill Road, Acton, Massachusetts 01720, USA

Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1167 Oak Borough Drive, Ballwin, Missouri 63021, USA

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE
APR 24 2008
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Michael D. THOMPSON** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Michael D. Thompson

10/29/2007
Date

OIPE IAP10
APR 24 2008
PATENT & TRADEMARK OFFICE

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

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09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

practitioners of Customer No. 66057

Send Correspondence to:

Customer No. 66057

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
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Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
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Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA

Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
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Citizenship	CN
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Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
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Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
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Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
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Full name of ninth inventor:	Nordine CHEIKH
Inventor's signature	**Date**
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Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
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Full name of eleventh inventor:	Brian E. COOMBS
Inventor's signature	**Date**
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Full name of twelfth inventor:	Stanton B. DOTSON
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Full name of thirteenth inventor:	Patrice DUBOIS
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Full name of fourteenth inventor:	Michael D. EDGERTON
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Full name of fifteenth inventor:	Dane K. FISHER
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Full name of sixteenth inventor:	Kristine J. HARDEMAN
Inventor's signature	**Date**
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Full name of seventeenth inventor:	Gregory R. HECK
Inventor's signature	**Date**
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Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
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Inventor's signature	**Date**
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Full name of twentieth inventor:	Jingdong LIU
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Full name of twenty-fourth inventor:	James D. MCININCH
Inventor's signature	**Date**
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Full name of twenty-fifth inventor:	Philip W. MILLER
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Full name of twenty-sixth inventor:	Donald E. NELSON
Inventor's signature	**Date**
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Full name of twenty-seventh inventor:	Ming PENG
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Full name of twenty-eighth inventor:	Thomas G. RUFF
Inventor's signature	**Date**
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Citizenship	US
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Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
Inventor's signature	**Date**
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Citizenship	US
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Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
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Citizenship	US
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Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	Michael D Thompson **Date** 10/29/07
Residence	~~Ballwin, Missouri~~
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	239 Kusilek Street, River Falls, WI 54022 MDT 11/29/07

Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date**
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Citizenship	US
Post Office Address	950 Kiefer Trail Drive, Ballwin, Missouri 63021, USA

Full name of thirty-third inventor:	
Inventor's signature	**Date**
Residence	
Citizenship	
Post Office Address	

OIPE IAP91 APR 24 2008 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Conf. No.:	2839
Thomas LA ROSA *et al.*		Art Unit:	1638
Appln. No.:	10/612,783	Examiner:	Phuong T. BUI
Filed:	July 2, 2003	Atty. Docket:	16517.288/38-21(53373)B

For: Nucleic Acid Molecules and Other Molecules Associated with Plants and Uses Thereof for Plant Improvement

Request for Correction of Inventorship under 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, **Kunsheng WU** hereby state that the inventorship error in the above-referenced provisional application occurred without deceptive intention on my part.

Kunsheng Wu

11/28/07

Date

OIPE
APR 24 2008
PATENT & TRADEMARK OFFICE
IAP10

Combined Declaration and Power of Attorney for Patent Application

Docket Number: 16517.288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled **Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 2, 2003;
as United States Application Number 10/612,783; and
was amended on 10/23/2003 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No
_____ (Application No.)	_____ (Country)	_____ (Day/Month/Year Filed)	☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/089,524 (Application No.)	June 16, 1998 (Filing Date)
60/144,084 (Application No.)	July 16, 1999 (Filing Date)
60/132,860 (Application No.)	May 7, 1999 (Filing Date)
60/130,464 (Application No.)	April 22, 1999 (Filing Date)
60/141,132 (Application No.)	June 28, 1999 (Filing Date)

60/141,139 (Application No.)	June 28, 1999 (Filing Date)
60/141,135 (Application No.)	June 28, 1999 (Filing Date)
60/130,174 (Application No.)	April 20, 1999 (Filing Date)
60/125,818 (Application No.)	March 23, 1999 (Filing Date)
60/125,817 (Application No.)	March 23, 1999 (Filing Date)
60/154,375 (Application No.)	September 17, 1999 (Filing Date)
60/197,872 (Application No.)	April 19, 2000 (Filing Date)
60/202,214 (Application No.)	May 8, 2000 (Filing Date)
60/211,750 (Application No.)	June 15, 2000 (Filing Date)
60/209,830 (Application No.)	June 6, 2000 (Filing Date)
60/208,063 (Application No.)	May 31, 2000 (Filing Date)
60/207,458 (Application No.)	May 30, 2000 (Filing Date)
60/228,466 (Application No.)	August 29, 2000 (Filing Date)
60/312,544 (Application No.)	August 15, 2001 (Filing Date)
60/324,109 (Application No.)	September 21, 2001 (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner

provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

09/371,146 (Application No.)	August 9, 1999 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/304,517 (Application No.)	May 6, 1999 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/684,016 (Application No.)	October 10, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/654,617 (Application No.)	September 5, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/985,678 (Application No.)	November 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/304,517 (Application No.)	May 6, 1999 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/816,660 (Application No.)	March 26, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/733,089 (Application No.)	December 11, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/155,881 (Application No.)	May 22, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/333,535 (Application No.)	June 14, 1999 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/615,606 (Application No.)	July 13, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/394,745 (Application No.)	September 15, 1999 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,306 (Application No.)	May 4, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/553,094 (Application No.)	April 18, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/440,687 (Application No.)	November 16, 1999 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/552,086 (Application No.)	April 19, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/531,113 (Application No.)	March 22, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)

09/692,257 (Application No.)	October 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/565,240 (Application No.)	May 8, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/619,643 (Application No.)	July 19, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/663,423 (Application No.)	September 15, 2000 (Filing Date)	Pending (Status - patented, pending, abandoned)
09/669,817 (Application No.)	September 26, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/696,664 (Application No.)	October 25, 2000 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/837,604 (Application No.)	April 18, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/849,526 (Application No.)	May 7, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/874,708 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/873,402 (Application No.)	June 5, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,419 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/865,439 (Application No.)	May 29, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
09/938,294 (Application No.)	August 24, 2001 (Filing Date)	Abandoned (Status - patented, pending, abandoned)
10/219,999 (Application No.)	August 15, 2002 (Filing Date)	Abandoned (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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Full name of sole or first inventor:	Thomas J. LA ROSA
Inventor's signature	**Date**
Residence	Fenton, Missouri
Citizenship	US
Post Office Address	651 Green Forest Drive, Fenton, Missouri 63026, USA
Full name of second inventor:	David K. KOVALIC
Inventor's signature	**Date**
Residence	Clayton, Missouri
Citizenship	US
Post Office Address	39 Hillvale Drive, Clayton, Missouri 63105, USA
Full name of third inventor:	Yihua ZHOU
Inventor's signature	**Date**
Residence	Ballwin, Missouri
Citizenship	US
Post Office Address	1016 Westrun Drive, Ballwin, Missouri 63021, USA

Full name of fourth inventor:	Yongwei CAO
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	CN
Post Office Address	16796 Baxter Pointe Court, Chesterfield, Missouri 63005, USA

Full name of fifth inventor:	Mark S. ABAD
Inventor's signature	**Date**
Residence	Webster Groves, Missouri
Citizenship	US
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119, USA

Full name of sixth inventor:	Scott E. ANDERSEN
Inventor's signature	**Date**
Residence	St. Louis, Missouri
Citizenship	US
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146, USA

Full name of seventh inventor:	Robert E. BUEHLER
Inventor's signature	**Date**
Residence	Chesterfield, Missouri
Citizenship	US
Post Office Address	1893 Braumton Court, Chesterfield, Missouri 63017, USA

Full name of eighth inventor:	Joseph R. BYRUM
Inventor's signature	**Date**
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Full name of ninth inventor:	Nordine CHEIKH
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Post Office Address	16534 Baxter Forest Ridge, Chesterfield, Missouri 63005, USA

Full name of tenth inventor:	Timothy W. CONNER
Inventor's signature	**Date**
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Post Office Address	989 Tara Oaks Drive, Chesterfield, Missouri 63005, USA

Full name of eleventh inventor:	Brian E. COOMBS
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Full name of twelfth inventor:	Stanton B. DOTSON
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Full name of thirteenth inventor:	Patrice DUBOIS
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Full name of fourteenth inventor:	Michael D. EDGERTON
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Full name of fifteenth inventor:	Dane K. FISHER
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Full name of eighteenth inventor:	Gregory J. HINKLE
Inventor's signature	**Date**
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Full name of twenty-fourth inventor: James D. MCININCH
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Full name of twenty-fifth inventor:	Philip W. MILLER
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Full name of twenty-sixth inventor:	Donald E. NELSON
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Full name of twenty-ninth inventor:	Hridayabhiranjan SHUKLA
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Full name of thirtieth inventor:	Joshua C. STEIN
Inventor's signature	**Date**
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Full name of thirty-first inventor:	Michael D. THOMPSON
Inventor's signature	**Date**
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Full name of thirty-second inventor:	Kunsheng WU
Inventor's signature	**Date** 11/28/07
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Full name of thirty-third inventor:	
Inventor's signature	**Date**
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Citizenship	
Post Office Address	